**Case:** User selects “Change the key”

**Primary Actor:** User

**Scope:** Second feature of Application

**Level:** User Goal

**Stakeholders and Interests:**

User: Wants to change the key of a song

**Precondition:** User has completed Use Case “Choose file”

**Main Success Scenario:**

1. User chooses “Change a Songs Key”
2. User chooses the song file from the phone’s internal/external storage
3. User selects the key from a list and selects convert
4. User is shown the converted file with the key changes made
5. User stays on screen until finished
6. User is asked if they want to save the changes made to the file and does
7. User clicks the return button and is taken to the home screen

**Extensions:**

2a. User doesn’t have any files in storage

2a1. User is taken to the first feature of the application

3a. Key conversation fails

3a1. User is taken back to step 1 and informed the key conversion failed

6a. User decides not to save the changes to the songs key

6a1. User is taken to back to step 1

**Case:** User selects “Convert to tab”

**Primary Actor:** User

**Scope:** Second feature of Application

**Level:** User Goal

**Stakeholders and Interests:**

User: Wants to convert a file into Tablature

**Precondition:** User has completed Use Case “Choose file”

**Main Success Scenario:**

1. User chooses “Convert”
2. User prompted to make sure they want to convert the file and chooses yes
3. User is shown the converted file
4. User stays on screen until finished
5. User is asked if they want to save the changes made to the file and does
6. User clicks the return button and is taken to the home screen

**Extensions:**

2a. User chooses No

2a1. User is taken to the home screen

3a. Conversion fails

3a1. User is taken back to step 1 and informed the key conversion failed

5a. User decides not to save the changes to the songs key

5a1. User is taken to back to the home screen

**Case:** User selects “Convert to MusicXML”

**Primary Actor:** User

**Scope:** Second feature of Application

**Level:** User Goal

**Stakeholders and Interests:**

User: Wants to convert a file into MusicXML

**Precondition:** User has completed Use Case “Choose file”

**Main Success Scenario:**

1. User chooses “Convert”
2. User prompted to make sure they want to convert the file and chooses yes
3. User is asked if they want to save the changes made to the file and does
4. User clicks the return button to return to the home screen in the application

**Extensions:**

2a. User chooses No

2a1. User is taken to the home screen

2b. Conversion fails

2b1. User is taken back to step 1 and informed the MusicXML conversion failed

3a. User decides not to save the changes to the original file

3a1. User is taken to back to the home screen

**Case:** User selects “Devices Documents”

**Primary Actor:** User

**Scope:** Second feature of Application

**Level:** User Goal

**Stakeholders and Interests:**

User: Wants to choose a file from the documents folder

**Precondition:** User has completed Use Case “Choose file”

**Main Success Scenario:**

1. User selects a file from the list of the phone’s internal documents folder
2. User selects a file from the list
3. User hits the back button and is taken back to the home screen

**Extensions:**

1a. User has no valid files in the documents folder

2a1. User is sent an error and taken to the home screen of the app

2a. User selects a MusicXML file from the list

2a1. User chooses “Convert” and is taken to Use Case “Convert to tab”

2b. User selects a tab file

2b1. User chooses “Change Key” and is taken to the Use Case “Change the key”

**Case:** User selects “Devices Gallery”

**Primary Actor:** User

**Scope:** Second feature of Application

**Level:** User Goal

**Stakeholders and Interests:**

**User:** Wants to choose a file from the gallery

**Precondition:** User has completed Use Case “Choose file”

**Main Success Scenario:**

1. User selects a file from the list of the phone’s internal gallery files
2. User selects a file from the list
3. User hits the back button and is taken back to the home screen

**Extensions:**

1a. User has no valid files in the phone’s internal gallery

1a1. User is sent an error and taken to the home screen of the app

1b. User uses the phones camera to take a picture of sheet music

1b1. User is taken to Use Case “Convert to MusicXML”

1b2. User is taken back to step 1

2a. User selects a MusicXML file from the list

2a1. User chooses “Convert” and is taken to Use Case “Convert to tab”

2b. User selects a tab file

2b1. User chooses “Change Key” and is taken to the Use Case “Change the key”

**Case:** User selects “Devices Recordings”

**Primary Actor:** User

**Scope:** Second feature of Application

**Level:** User Goal

**Stakeholders and Interests:**

**User:** Wants to choose a file from the recording folder

**Precondition:** User has completed Use Case “Choose file”

**Main Success Scenario:**

1. User selects a file from the list of the phone’s internal recordings folder
2. User selects a file from the list
3. User selects the “Convert” button
4. User hits the back button and is taken back to the home screen

**Extensions:**

1a. User has no valid files in the phone’s recordings folder

1a1. User is sent an error and taken to the home screen of the app

1b. User selects the record button

1b1. User is taken to Use Case “Record”

1b2. User is taken back to step 1

2a. User selects the “Convert to Tab” button

2a1. User is taken to Use Case “Convert to Tab”

2b. User selects the “Convert to MusicXML”

2b1. User is taken to the Use Case “Convert to MusicXML”